

5. (Amended) The circuit board of claim 1, further comprising:  
power regulation circuitry mounted on the substrate and in electrical communication with  
the first set of contacts to regulate voltages provided by the first set of contacts and not regulate  
any voltages provided by the second set of contacts.

6. (Amended) A circuit board comprising:  
circuitry; and  
a substrate supporting the circuitry and having a contact edge to be inserted into a slot  
connector housing assembly, the substrate having an edge profile engaged by the connector  
housing assembly to hold the circuit board in the connector housing assembly.

7. (Amended) The circuit board of claim 6, wherein the profile is engaged by a  
mechanism located inside the slot connector housing assembly.

8. (Amended) The circuit board of claim 7, wherein the mechanism comprises at  
least one of a spring located entirely inside the connector housing assembly and a plastic latch  
internal to the connector housing assembly.

9. (Amended) The circuit board of claim 6, wherein the profile comprises a notch  
formed in an edge of the substrate different from the contact edge.

10. (Amended) The circuit board of claim 9, wherein the edge different from the  
contact edge extends in an orthogonal direction to the contact.

11. (Amended) A method comprising:  
supporting circuitry on a substrate to form a circuit board; and  
forming an edge profile in the substrate to engage a slot connector housing assembly to  
hold the circuit board in the slot connector housing assembly.

12. (Amended) The method of claim 11, further comprising:

A2  
concluded  
engaging the profile with a mechanism located inside the slot connector housing assembly.

13. (Amended) The method of claim 11, wherein the mechanism comprises a spring located entirely inside the connector housing assembly.

A3  
25. (Amended) A slot connector comprising:  
a housing including a slot to receive a circuit board;  
electrical contacts to establish electrical communication with electrical contacts of the circuit board; and  
a retention mechanism to engage an edge profile of the circuit board to secure the circuit board to the slot connector.

A4  
28. (Amended) A method comprising:  
using a housing to form a slot to receive a circuit board;  
attaching a retention mechanism to the housing to engage an edge profile of the circuit board to secure the circuit board to the housing.

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